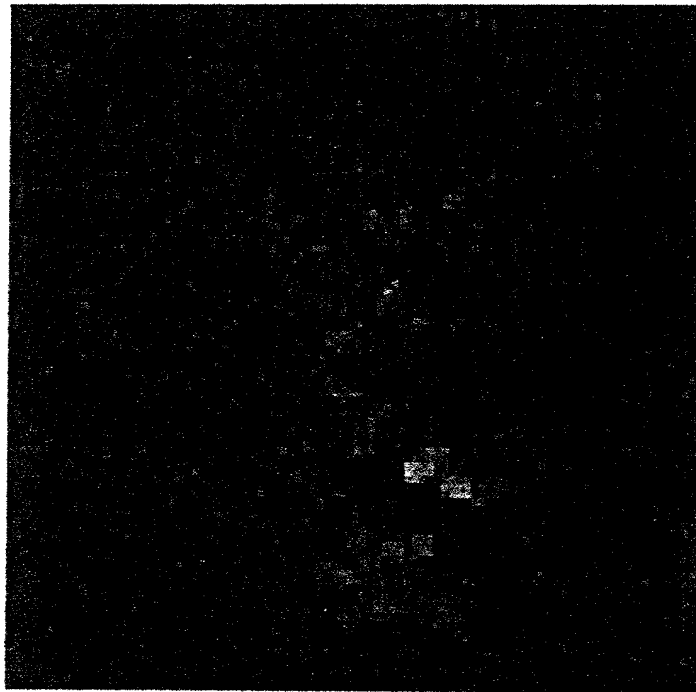


FIG. 1

## Transfection of human embryonic stem cells

### Transient transfection



### Stable transfection

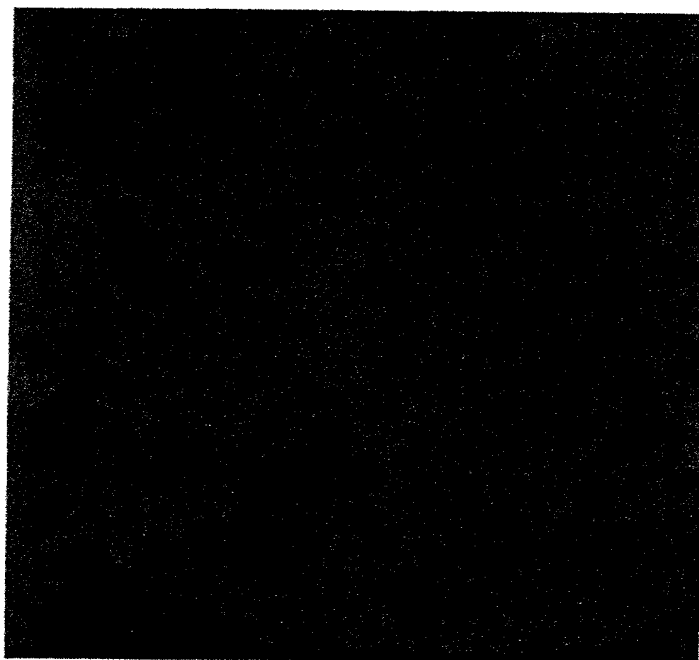


FIG. 2

# Electroporation of human embryonic stem cells

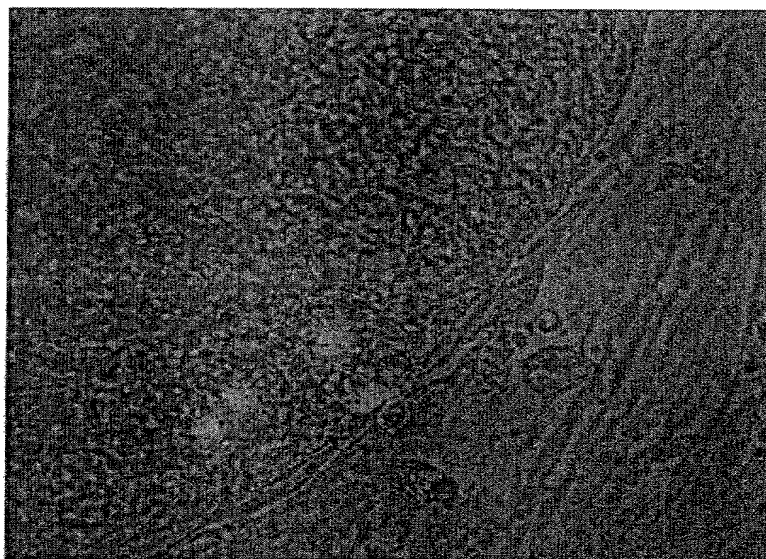
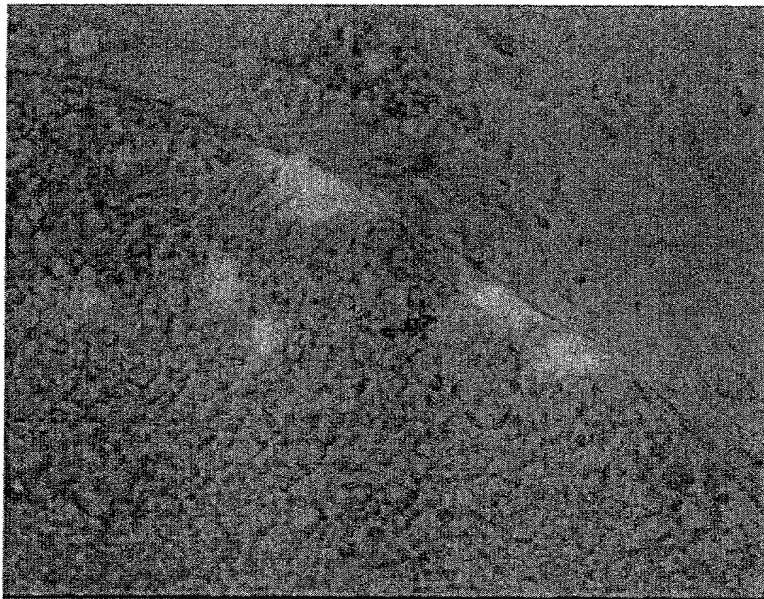


FIG. 3

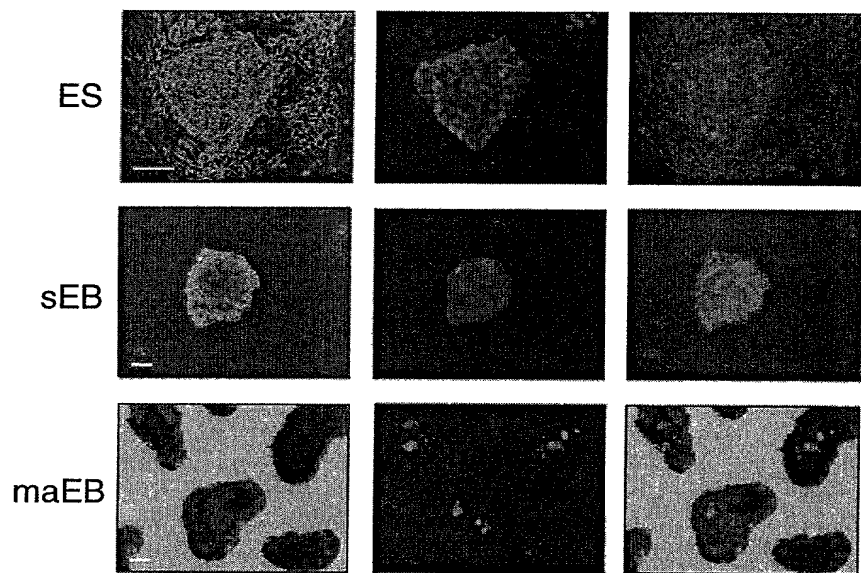


FIG. 4A

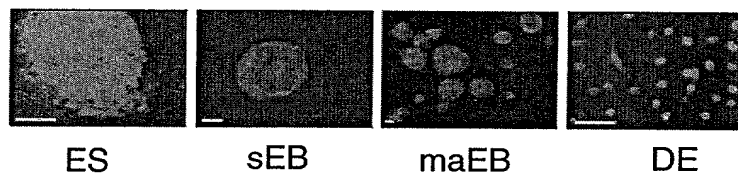


FIG. 4B

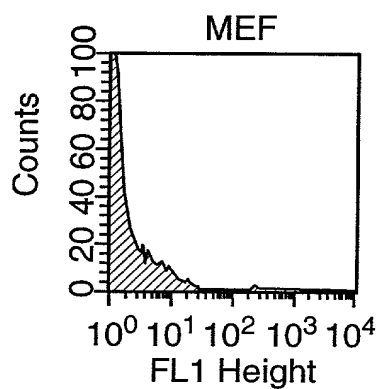


FIG. 5A-1

Undifferentiated transfected ES cells  
+ MEF

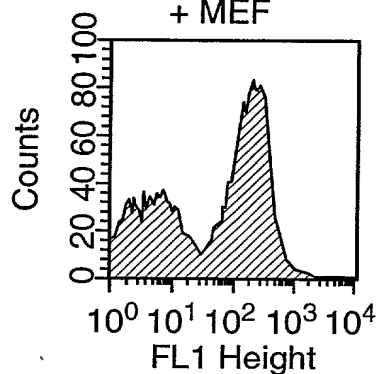


FIG. 5A-3

Undifferentiated ES cells  
+ MEF

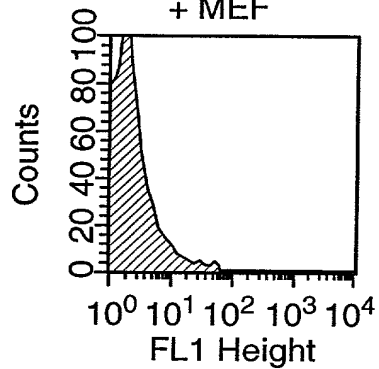


FIG. 5A-2

Partially differentiated  
transfected ES cells on gelatin

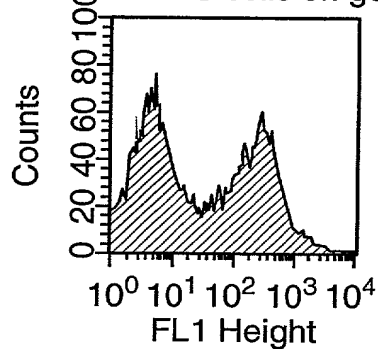


FIG. 5A-4

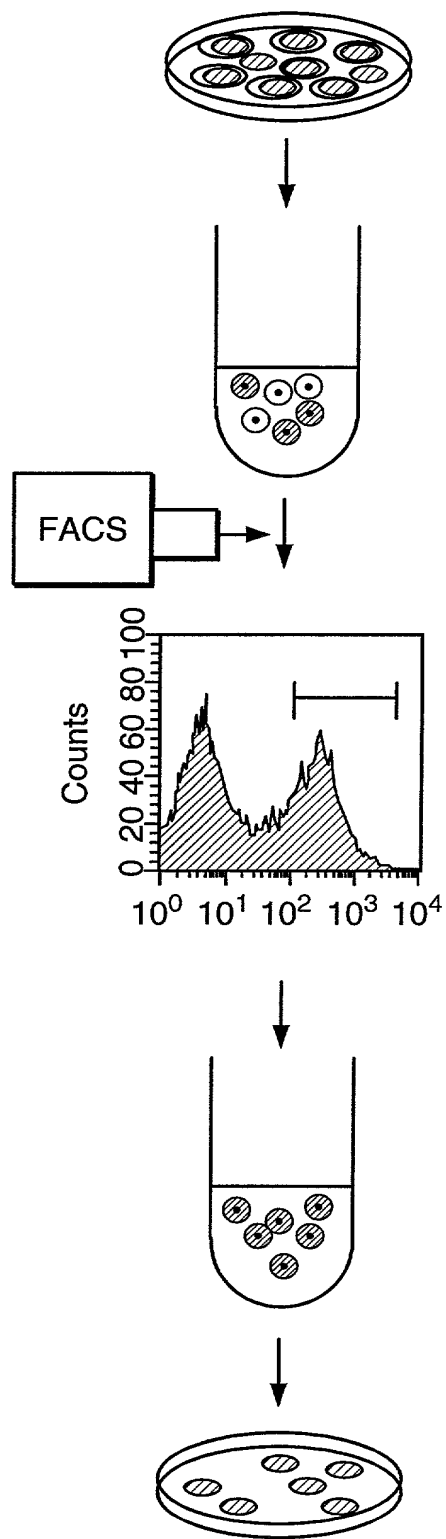


FIG. 5B

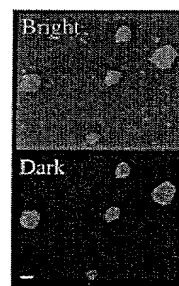


FIG. 5C

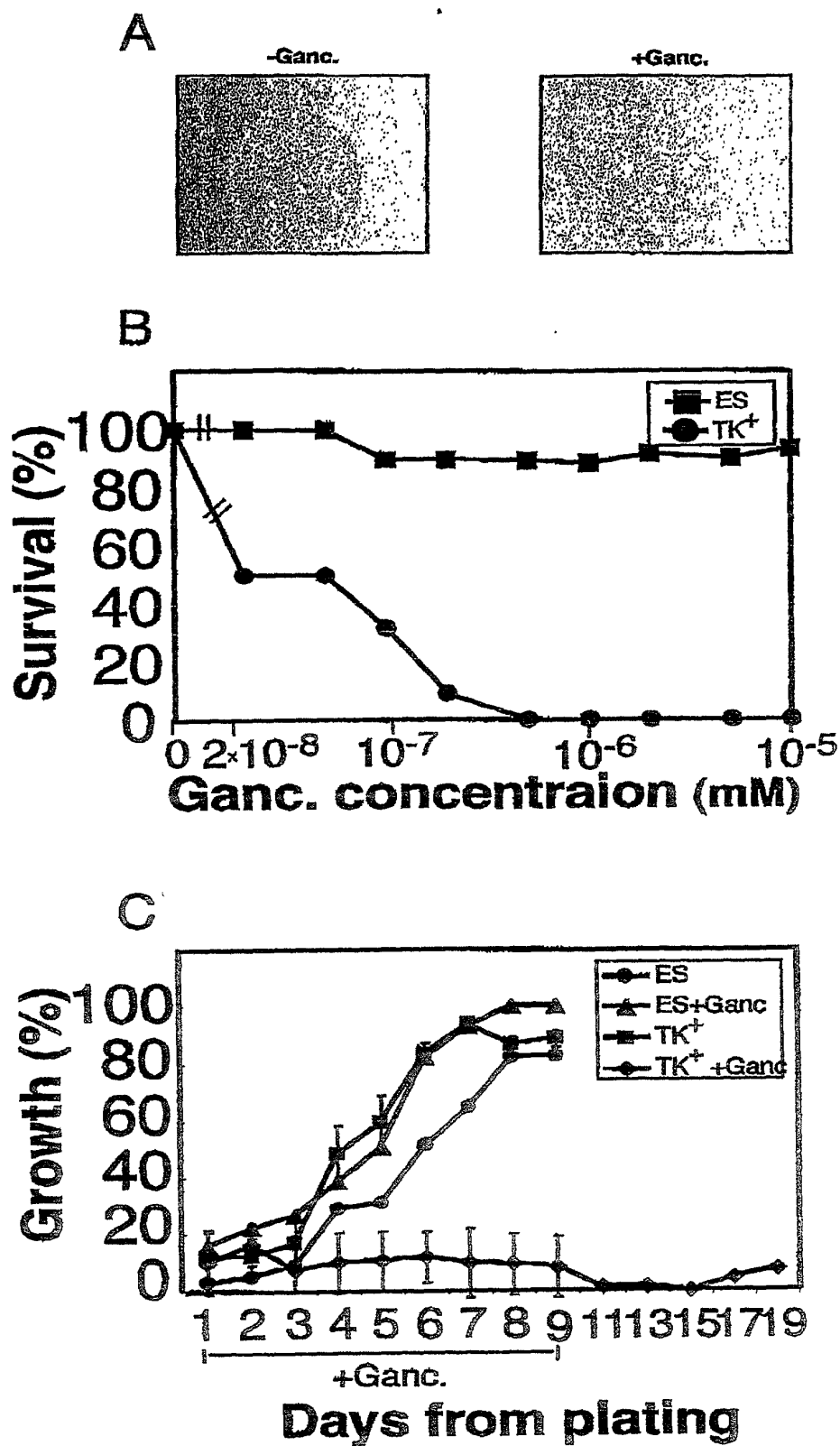


FIG. 6

Cells.  
Ganc.

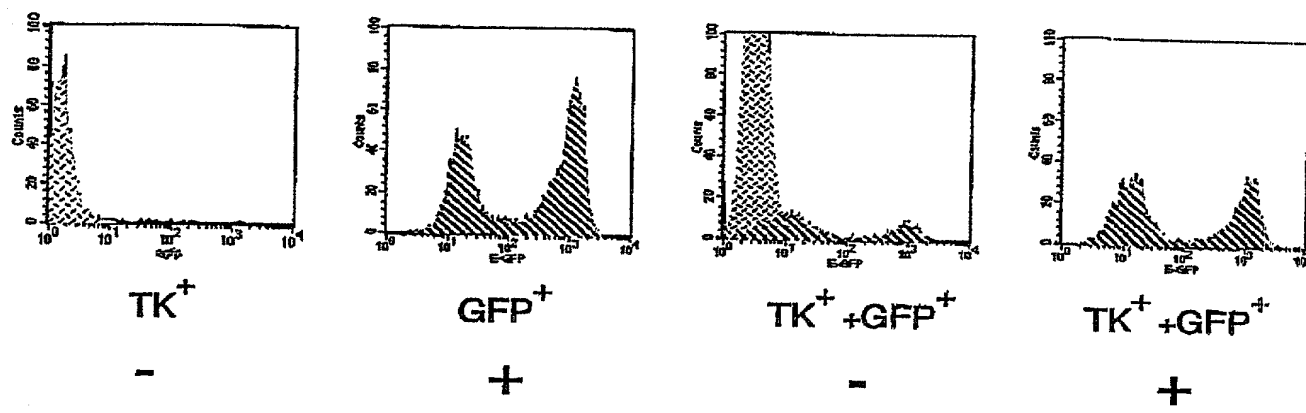


FIG. 7



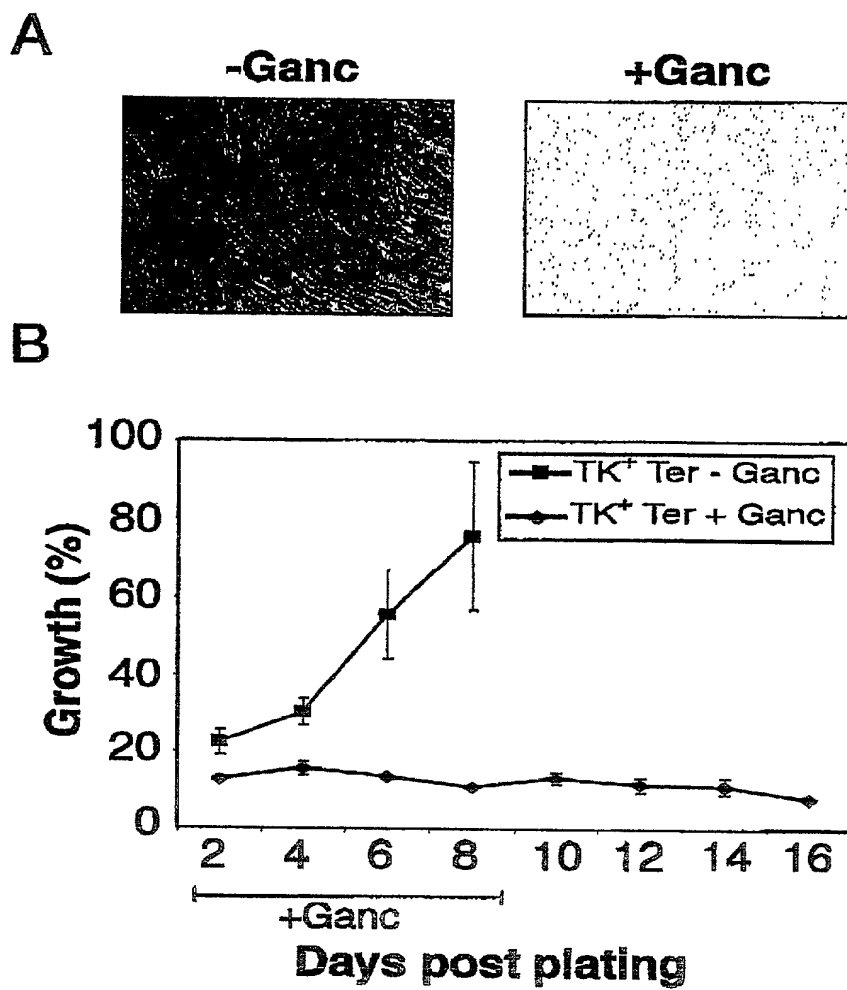
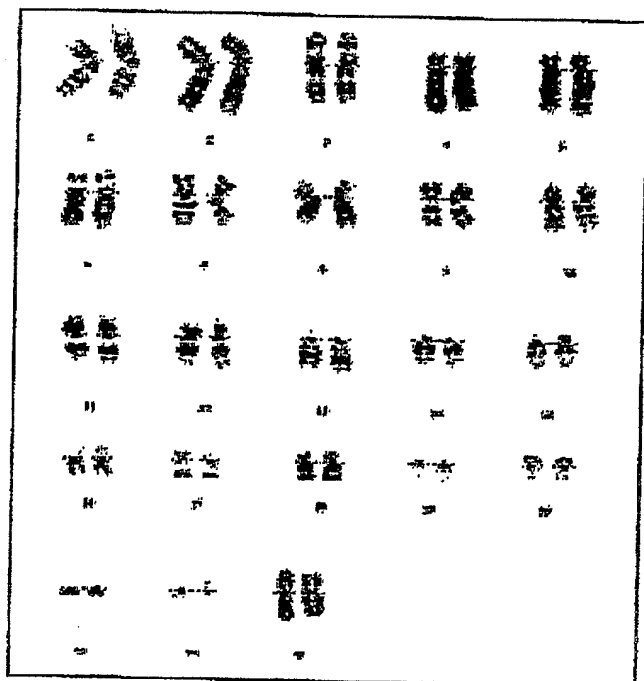


FIG. 8

**A**



**B**

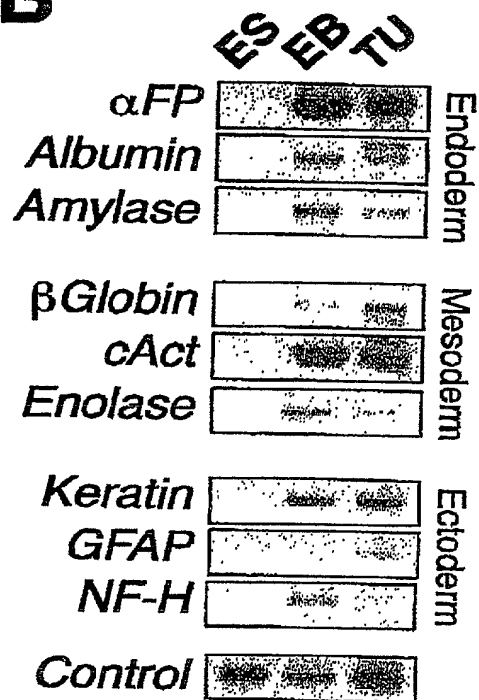


FIG. 9